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Optical Fiber Diameter Analyser (OFDA 100) Micron Test Report

Big Timber Alpacas, LLC/Sue King
29400 SW Heater Rd
Sherwood OR 97140-5004

Date: 07/24/19
Shear ID: 186750
Test No: 976883

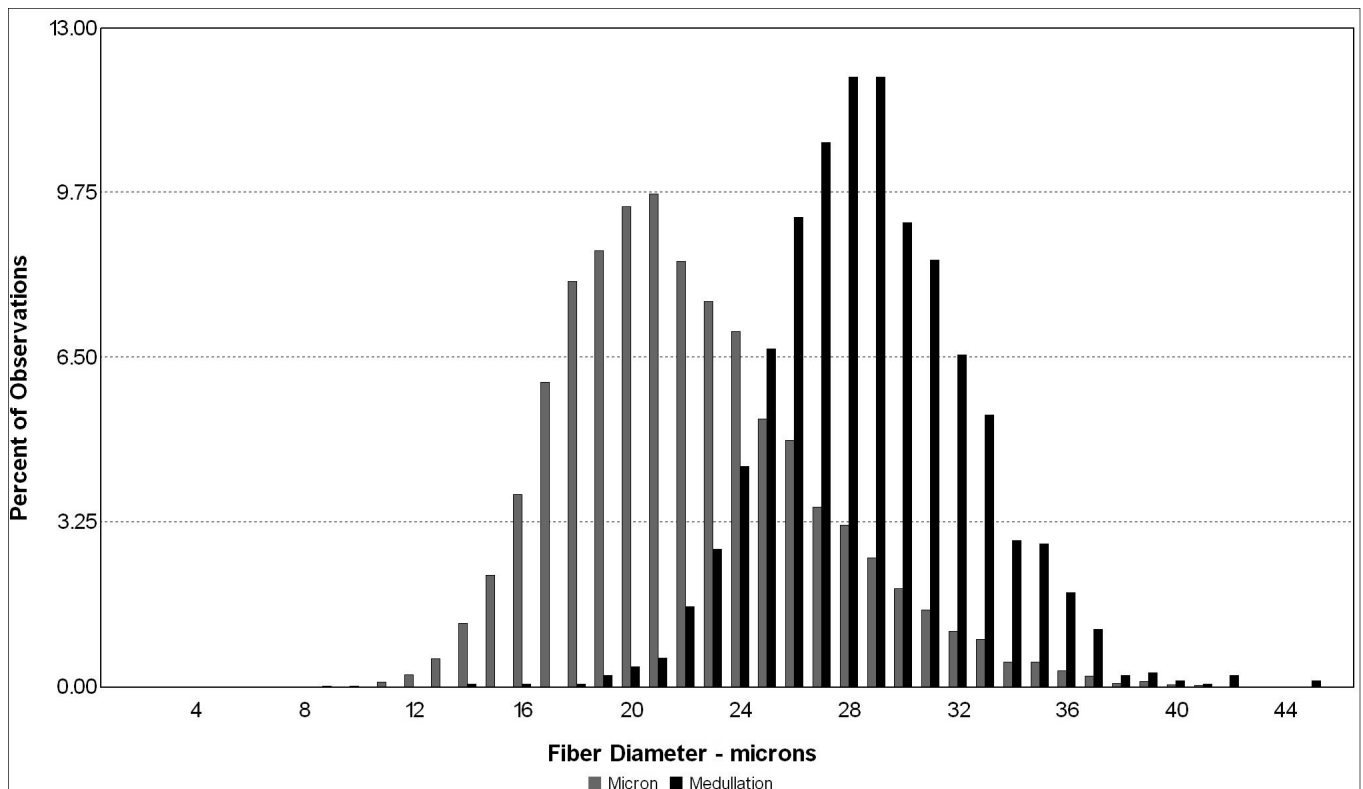
Animal and Sample Description

Animal Name: Big Timber Josef's Cedrus Libani
ARI #: 35122166
Breed: Alpaca(Suri)
Sex: Male
Color: White

Date of Birth (Age): 09/13/16
Sample Location: Side
Sample Date: 05/28/18
Previous Shear Date: 05/18/18
Total Fleece Wt (lbs): 8.80

Laboratory Data

| | | | |
|----------------------------------------|--------------|-----------------------------------------|-------------|
| Mean Fiber Diameter: | 22.2 microns | Mean Staple Length: | 173.4 mm |
| Standard Deviation: | 4.8 microns | Length Standard Deviation: | 5.0 mm |
| Coefficient of Variation: | 21.6 % | Length Coefficient of Variation: | 2.9 % |
| Spin Fineness: | 21.7 microns | Mean Curvature: | 10.5 deg/mm |
| Fibers Greater Than 30 microns: | 5.6 % | SD Curvature: | 14.3 deg/mm |
| Comfort Factor: | 94.4 % | Medullated Fibers: | 15.2 % |



This Test Performed According to I.W.T.O Method 47